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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/647,165	08/22/2003	Volker Blank	H 5188 PCT/US	1890

55495 7590 02/23/2006

DANN DORFMAN HERRELL AND SKILLMAN
A PROFESSIONAL CORPORATION
1601 MARKET STREET
SUITE 2400
PHILADELPHIA, PA 19103-2307

EXAMINER

DOUYON, LORNA M

ART UNIT	PAPER NUMBER
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1751

DATE MAILED: 02/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/647,165	BLANK ET AL.	
	Examiner	Art Unit	
	Lorna M. Douyon	1751	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-4, 6-11, 13-22, 24 and 25 is/are allowed.
- 6) ☒ Claim(s) 5, 23 and 26 is/are rejected.
- 7) ☒ Claim(s) 12 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on August 15, 2005 has been entered.
2. Claims 1-26 are pending.
3. The amendment to claim 1 is acknowledged, which now provides support for the limitations of claim 11.
4. The rejection of claims 1-4, 6-24 and 26 under 35 U.S.C. 103(a) as being unpatentable over Milloff et al. (US Patent No. 6,340,662) is withdrawn in view of applicants' showing/statement that the subject matter of the reference and the claimed invention were, at the time the invention was made, owned by Henkel KgaA, Duesseldorf, Germany.
5. The rejection of claims 5 and 25 under 35 U.S.C. 103(a) as being unpatentable over Milloff as applied to the above claims, and further in view of Hall et al. (US Patent No. 6,093,218) is withdrawn for the same reason as in paragraph 4 above.

Claim Objections

6. Claim 12 is objected to because of the following informalities: in line 2, it is suggested that a percentage sign “%” be added after “30” and “by” be added after “50%”. Appropriate correction is required.

Claim Rejections - 35 USC § 112

7. Claims 5 and 23 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 5 is indefinite in the recital of NaHPO_4 because this formula is incorrect. It is suggested that this formula be replaced with Na_2HPO_4 as supported in the specification on page 6, line 14.

Claim 23 is indefinite in the recital of “18°C” in line 3. Presumably, this temperature is “180°C” as supported in the specification on page 8, line 2.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. Claim 26 is rejected under 35 U.S.C. 102(b) as being anticipated by Bartolotta et al (US Patent No. 3,933,672), hereinafter “Bartolotta”.

Art Unit: 1751

Bartolotta teaches a granular composition comprising 30.0 wt% anhydrous sodium carbonate, 10.0 wt% coconut alcohol condensed with 6 molar proportions of ethylene oxide (which is a nonionic emulsifier), 10.0 wt% sodium citrate dihydrate (which is a salt of a Bronsted acid), and 0.8 wt% dimethyl silicone (see Example 9, col. 21, lines 41-58). Inasmuch as there is nowhere required in the present claim as to the amount of the silicone oil in the foam regulating agent, the silicone oil in Bartolotta reads on the instant claim~~s~~. Hence, Bartolotta anticipates the claim.

Allowable Subject Matter

10. Claims 1-4, 6-11, 13-22, 24-25 are allowed. Claim 12 would be allowable if rewritten to overcome the objection indicated above. Claims 5 and 23 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: None of the prior art of record teaches, discloses or suggests a process of making particulate foam regulating granules in the manner as those recited, in particular, wherein the carrier material comprises an alkali metal carbonate and a Bronsted acid.

Art Unit: 1751


Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The references are considered cumulative to or less material than those discussed above.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lorna M. Douyon whose telephone number is (571) 272-1313. The examiner can normally be reached on Mondays-Fridays from 8:00AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas McGinty can be reached on (571) 272-1029. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Lorna M. Douyon
Primary Examiner
Art Unit 1751